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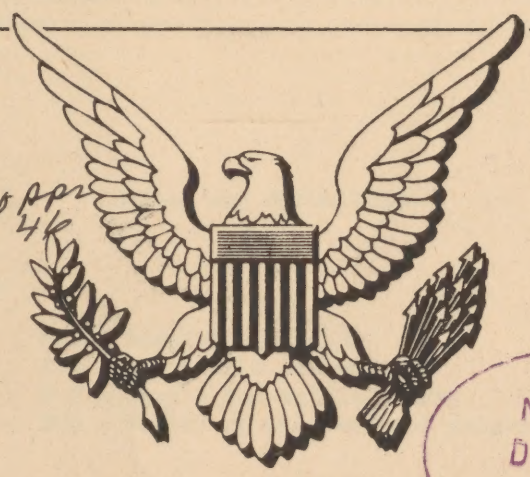
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**UNITED STATES ARMY
SERVICE OF SUPPLY
S. W. P. A.**



30 SEPTEMBER 1944

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UNITED STATES ARMY
SERVICES OF SUPPLY
S.W.P.A.

Progress Report - Section 5

"HEALTH"

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Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates: This term applies to deaths from all causes among the entire army in the theatre, as distinct from death rates specific for cause, age, risk, and so on.

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HEALTH OF U. S. ARMY TROOPS IN SWPA

August, 1944

1. NONEFFECTIVENESS

The corrected mean daily non-effective rate for the month of July (3.8%) is essentially the same as for the preceding month. Incomplete returns for August indicate that the rate for that month will be somewhat higher (approximately 4.4%). During July there was a significant decrease in noneffectiveness due to battle casualties which was offset by Scrub Typhus and neuropsychiatric diseases. The rise in the latter rate was due to an accumulation of mental patients boarded and awaiting evacuation.

2. ADMISSION TO SICK REPORT

The corrected rate of admissions to sick report for July shows a decline from the June figure and incomplete returns for August indicate that a further decline can be anticipated. There was a significant decline in Dengue, Malaria, and Common Respiratory diseases; an increase in FUO, however, may offset to some extent the declines in Malaria and Dengue. There was a marked increase in Typhus which was almost entirely noted in Army and Air Force combat troops.

3. DEATHS

The crude death rate for the theater showed a significant decrease during July, being mainly a reflection of a decreased rate in those killed in action and those dying of battle wounds.

4. EVACUATIONS

Due to the movement of Headquarters and the temporary separation of the Evacuation Section from the Medical Records Section, it was impossible to provide accurate statistics on evacuation for the report.

5. HOSPITAL BEDS

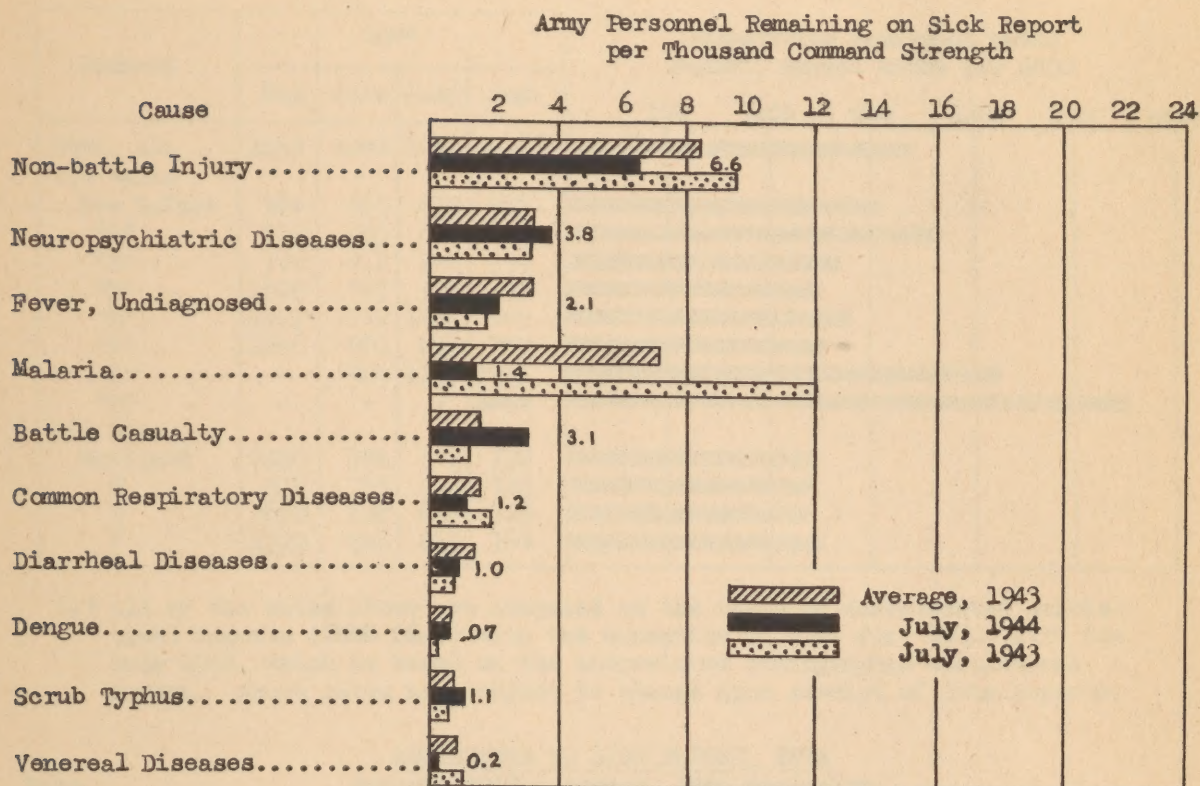
For the month of August there was a marked decline in the percentage of T/O beds occupied in some bases and an increase in others. due to the shifting troop strength. T/O beds in Base 7 were only 48.5% occupied, in Base 2, 35.9% occupied, and Base D, 45.4%. However, hospitals in Bases B, E, F, and G were operating over 100% of T/O capacity.

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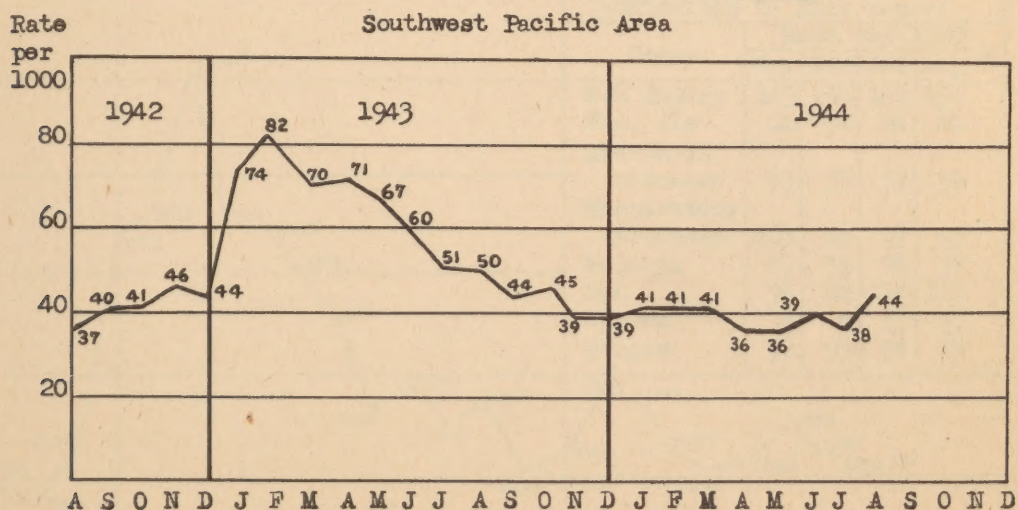
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LEADING CAUSES OF NONEFFECTIVENESS - JULY, 1944

(Based on Reported Conditions)



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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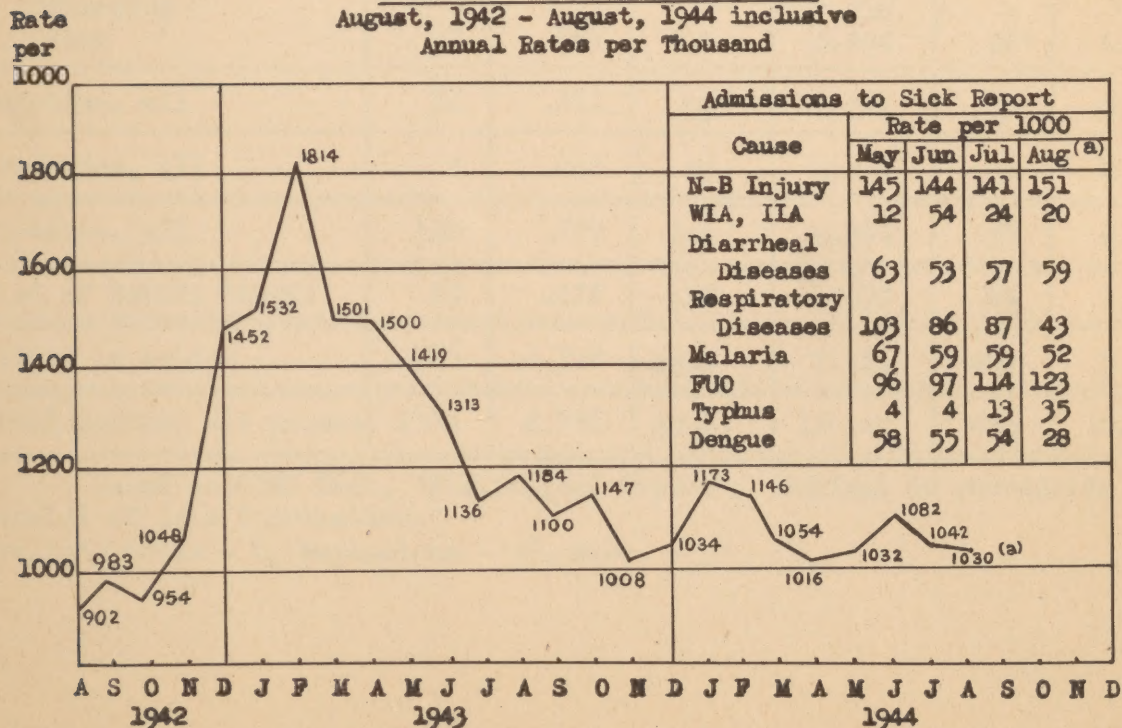
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ADMISSIONS TO SICK REPORT Disease and Non-Battle Injuries Rates per Thousand per Annum ^(a)

Command	1944				Comparative Admission Rates August, Annual Rates per 1000					
	May	June	July	Aug.	300	600	900	1200	1500	1800
SWPA, ALL	1032	1082	1042	1030 ^(a)						
SOS Bases										
New Guinea	964	865	872	933						
"A"	812	733	852	1114						
"B"	772	812	748	796						
"D"	1028	917	705	724						
"E"	1327	1212	1027	849						
"F"	1046	901	833	742						
"G"	-	909	1167	1271						
"H"	-	-	-	1642						
SOS Bases										
Mainland	1130	786	741	732						
2	872	735	719	719						
3	640	626	697	715						
7	1729	886	815	764						

(a) All of the rates above are computed on the basis of consolidated statistical reports (WDMD 86ab) with the exception of that for "SWPA, All" for July 1944, which is based on the abbreviated radiographic statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA August, 1942 - August, 1944 inclusive Annual Rates per Thousand



(a) Based on abbreviated radiographic statistical report.

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SECRETDEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru July; and July, 1944

Absolute Numbers and Crude Annual Rates per Thousand

Cause	1943		1944 thru July		July, 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate per 1000
Non-battle injury, all	574	2.943	662	2.638	100	2.071
Accidents, all	531	2.722	592	2.359	89	1.843
Automobiles	60	.308	75	0.299	13	0.269
Street cars	1	.005	2	0.008	1	0.021
Motorcycles	4	.021	-	-	-	-
Railroad	12	.062	3	0.012	1	0.021
Air Transportation	289	1.489	160	0.638	8	0.166
Water Transportation	4	.021	3	0.012	-	-
Drowning	46	.236	117	0.466	22	0.456
Burns	14	.072	30	0.120	6	0.124
Falls	15	.077	8	0.032	2	0.041
Firearms	57	.292	58	0.231	9	0.186
Electrocution	4	.021	8	0.032	1	0.021
Animals	2	.010	-	-	-	-
Poisoning	6	.031	4	0.016	-	-
Other	17	.087	124	0.494	26*	0.538
Suicides, all	34	.174	53	0.211	10	0.207
Homicides, all	9	.046	17	0.068	1	0.021
Diseases, all	152	.779	216	0.861	37	0.766
Died of Battle Wounds	83	.426	382	1.522	67	1.388
Killed in Action	895	4.598	1838	7.325	287	5.944
Total Deaths, all causes	1704	8.736	3098	12.347	491	10.169

Based on WDMD 86ab, "Statistical Report"; subject to correction on receipt of late information.

* (Falling trees - 6, Explosions - 15, Misc. - 5)

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R E S O S OFFICE OF THE CHIEF SURGEON

ANALYSIS OF NEW GUINEA MALARIA ATTACK RATE FOR AUGUST 1944
(Based on Malaria Case Report Cards and USAFFE Station List)
Rates in 1000 per annum.

COMMAND	USAFFE		USASOS		ARMY		14 AA		AIR FORCE		TOTAL	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
ORO BAY AND DOBODURA	36	32.2	61	33	55	20	0	0	7	42	159	33
MILNE BAY			23	9.3	0	0	26	51	0	0	56	18.5
FORT MORESBY			13	46	0	0	0	0	0	0	18	40
LAKE & NADZAB			41	37.8	0	0	12	34.3	60	45.3	113	40.9
PINSCHAPEN			43	14.7	35	22.8	19	22.1	5	5.3	102	16.2
SAIDOR			0	0	0	0	0	0	15	80	15	43
HOLLANDIA			133	61.4	145	67	8	21.3	65	54.5	351	60
AITAPE			4	18.6	250	68	1	10	3	27	258	63.6
WAKDE-TORAI			27	17	88	38.5	10	40	15	32	140	42
NOELBOOR			32	132	190	312	16	81	16	132	254	163
BLAK			50	57.7	164	88.3	6	45	91	25.5	276	43
SANSAPOR			2	4.8	33	29.1	2	12	15	30.2	52	23.2
CAPE GLOUCESTER			1	10	17	17	3	21.4	0	0	21	16.8
ARAWA			1	?	2	5.7	0	0	0	0	3	8.3
ADMIRALTY			2	16	59	42.7	9	54	24	144	94	56.4
BOUGAINVILLE			0	0	135	41.2	4	41.2	1	10	140	37.6
TOTAL	36	32.2	433	33.1	1173	55.1	116	31.0	317	33.5	2052	41.9

SOUTH PACIFIC ISLANDS (Treasury, Emirau, New Georgia, Green) TOTAL CASES - 23, RATE - 7.2

TOTAL SOUTH WEST PACIFIC	JULY	AUGUST
Primary Attack Rate	35.1	26.8
Recurrent Attack Rate	17.3	15.1
Total	52.4	41.9

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SECRETSTATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Hospital Beds in Theatre		
	Fixed	Mobile	Total
Services of Supply	34825	25	34850
Fifth Air Force	-	100 (b)	100
Sixth Army	4800 (a)(b)	4250 (b)	9050
14th Corps	300	825	1125
Total	39925	5200	45125

(a) Attached (b) Assigned

b. SOS Hospital Beds, by Base and by Operating Status

Base	Staging	Under Orders Out of Base	Con-structing	T/O Operating	Beds Occupied	% of Operating T/O Beds Occupied	Under Orders Into Base
7	-	-	-	1100	533	48.5	-
3	400	1000	-	1150	1145	99.1	-
2	350	-	-	1000	359	35.9	-
1	-	-	-	200	105	52.5	-
D	500	500	-	500	227	45.4	-
A	750	650	-	4250	2803	65.9	-
B	-	1000	250	1950	2863	146.8	-
E	50	150	-	2550	3143	123.2	-
F	2000	400	-	6300	6406	101.6	-
G	-	-	3750	1950	2053	105.2	400
H	-	-	1300	425	340	80.0	3000
SHIPS	-	-	-	400	-	-	-
MOROTAI	-	-	-	-	-	-	300
TOTAL	4050	3700	5300	21775	19977	91.7	3700

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DENTAL SERVICE ACCOMPLISHED BY THE ARMY DENTAL CORPS IN THE SWPA FOR THE MONTH OF JULY 1944

Absolute numbers and rates per thousand per annum

TYPE OF SERVICE	NUMBER	RATE PER THOUSAND PER ANNUM
Admissions	58,899	1143.8
Sittings	115,052	2234.3
Permanent Restorations (fillings)	77,656	1508.1
Extractions	14,259	276.9
Teeth Replaced	16,962	329.4
Dentures Constructed	2,415	46.9
Dentures Repaired (including rebase) .	1,469	28.5
Bridges Constructed	228	4.4
Prophylaxis	11,098	215.5

The number of Dental Officers reporting the above Dental Service for the month of July was 697, with the ratio of total Dental Officers to the total strength being 1.4 per 1000 men, or one dentist for every 730.4 men.

The admission rate for Stomatitis, Vincent's, during July was 11.1 per 1000 per annum or 0.9 per 1000 for the month. This is the lowest rate recorded in this Theater to date.

For every tooth extracted, 1.2 were replaced by dentures or bridges, indicating that 20% more teeth were replaced than extracted. The average number of teeth replaced for each partial denture constructed was 5.3. For each tooth extracted there were 5.4 permanent restorations, (fillings, etc.) inserted. The average number of permanent restorations per reporting Dental Officer was 111.4. Of the Amalgam restorations, 32.9% were Oxyphosphate and Amalgam.

All the above ratings were computed on the basis of the mean strength of July.

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